

INTERNATIONAL SEARCH REPORT

PCT/GB 03/01452

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B67D5/33

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B67D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 70624 A (MOORE SANDY N ;CHILDS STEPHEN D (US); HENDRICKS JOHN R (US); MAN A) 27 September 2001 (2001-09-27) page 10, line 13 - line 28 page 11, line 23 -page 12, line 9; figures 8A,8B	1-6
X	GB 2 293 658 A (DRUM ENG CO LTD) 3 April 1996 (1996-04-03) page 10, line 19 -page 12, line 15 page 13, line 17 -page 14, line 15; figures 1,2	1,5,6
X	EP 0 440 299 A (SHELL INT RESEARCH) 7 August 1991 (1991-08-07) column 4, line 43 -column 5, line 25; figure 2	1,5,6
	--- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

27 August 2003

Date of mailing of the international search report

04/09/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Wartenhorst, F

INTERNATIONAL SEARCH REPORT

PCT/GB 03/01452

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 345 146 A (STORY JAMES R ET AL) 17 August 1982 (1982-08-17) column 3, line 64 -column 4, line 6; figure 2 -----	1

INTERNATIONAL SEARCH REPORT

PCT/GB 03/01452

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0170624	A	27-09-2001	AU 5094501 A WO 0170624 A2	03-10-2001 27-09-2001
GB 2293658	A	03-04-1996	NONE	
EP 0440299	A	07-08-1991	AT 144483 T DE 69122786 D1 DE 69122786 T2 DK 440299 T3 EP 0440299 A1 NO 910400 A	15-11-1996 28-11-1996 28-05-1997 01-04-1997 07-08-1991 05-08-1991
US 4345146	A	17-08-1982	NONE	